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CAMPUS NOTES

Dean and Mrs. Hitchcock have been enjoying a two-months vacation in Florida. This is Dean Hitchcock's first absence from the campus since the summer of 1924, when he was away for five weeks as a delegate to the World Power Conference in London.

The Ohio State Aeronautical Society has entered the \$2,500 Grover Loening aviation contest being conducted by the National Aeronautical Association in cooperation with the Intercollegiate Aeronautic Association. If the local society should win the prize, the money would go toward the purchase of a glider or aeroplane.

Wednesday, February 26, a discussion on "Welding and Welding Designs" was held in the chemistry Building. It was led by E. W. P. Smith, consulting welding engineer, the Lincoln Electric Company, Cleveland. His lecture was illustrated with slides. During the day he demonstrated welding to the classes in mechanics.

On Thursday evening, February 27, a motion picture "Modern Steel Practice," was shown in the lecture hall of the Chemistry Building. The picture was sponsored by Alpha Chi Sigma, professional chemical engineering fraternity. The picture was accompanied by a lecture by Professor Demorest and D. M. Strickland of the American Rolling Mills Company.

Ohio State's Glee Club membership includes quite a few engineers.

S. Murray Jones, of the Ohio Brass Insulator Company, spoke at the dinner meeting of the Student Branch A.I.E.E. Thursday, February 27, in Pomerene Hall.

ELECTRICAL ENGINEERING SENIOR CLASS ELECTS OFFICERS

Fred W. Gilchrist and William S. Franklin were recently elected president and secretary-treasurer, respectively, of the senior class in electrical engineering.

The new psychology course, Psychology 501, is given this spring quarter by Professor H. E. Burtt. It carries three credit hours as an elective. The class hours for the course have been arranged tentatively for Thursdays, from 11 to 12 A. M. and 1 to 3 P. M.

Some of the topics for study during the course as suggested by Professor Burtt, are:

1. Individual differences and their measurement
2. Vocational adjustment; right man in the right job (selection and transfer)
3. Industrial efficiency
4. Morale
5. Accidents
6. Self-improvement; personal efficiency
7. Selling and advertising

The above outline indicates that the course will be a valuable one for engineers.

Six electrical engineers were recently elected to membership in Eta Kappa Nu, honorary electrical engineering fraternity: Charles Cancik, Paul T. Hahn, Gordon C. Harvey, Henry W. Hope, Karl Kramer, and Ralph F. Miller. A three-point average is required for membership.

Phi Eta Sigma, honorary scholastic fraternity for freshmen, at their annual elections the latter part of last quarter elected the following men to office:

President: Russell B. Brown, Eng.-1.
Vice-President: H. L. Barneby, Engr.-1
Secretary: Edward Claar, Engr.-1
Treasurer: H. L. Shambarger, Ag.-1.
Sergeants-at-arms: Richard S. Smith, Engr.-1,
Paul G. Boesel, A-1.

Thirty freshmen from the College of Engineering were elected to this society.

A.S.C.E. DINNER MEETING

Dr. E. F. Coddington, Mechanics Professor and head of the Geodetic Engineering Department, gave a highly interesting and educational address on the "History of Ohio Levels" at Campbell Hall, March 4th.

Ohio levels consist of 3,200 bench marks using the same net that the United States Geological Survey had already established. These nets or loops cover the entire state with loops of ten to fifteen miles tied in to U. S. G. S. bench marks, closing with an accuracy of .05 times the square root of the distance in miles.

Geodetic engineering was first established in 1880 when a precise level line was run from Sandy Hook, N. J., to St. Louis, Mo.

In the next five years the whole of the United States will be covered with loops adjusted by least squares and Columbus will then have an exact latitude and longitude.

Robert Hindman and I. T. Fenneman were appointed by President S. T. Carpenter to take charge of the Annual Senior Banquet given in honor of the graduating seniors.

In a short time tests are to be begun on Boiler No. 1 at the power house, by Mr. Faust of the Engineering Experiment Station. These tests are to be on the efficiency and adaptability of coal. A number of students will be used in conducting the tests and will be paid for their work.

On March 6, the Student Chemical Society held a meeting in the Chemistry building. A moving picture, "A Trip Through Film Land," depicting the making of photographic film, was shown.

The student branch of the American Society of Mechanical Engineers was addressed on March 7 by Calvin W. Rice, secretary of the national organization. He illustrated his lecture with slides obtained when he was in Japan as a member of the Japanese World's Engineering Congress held last autumn.

A.I.E.E.

The student branch of the American Institute of Electrical Engineers held its first meeting of

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CAMPUS NOTES

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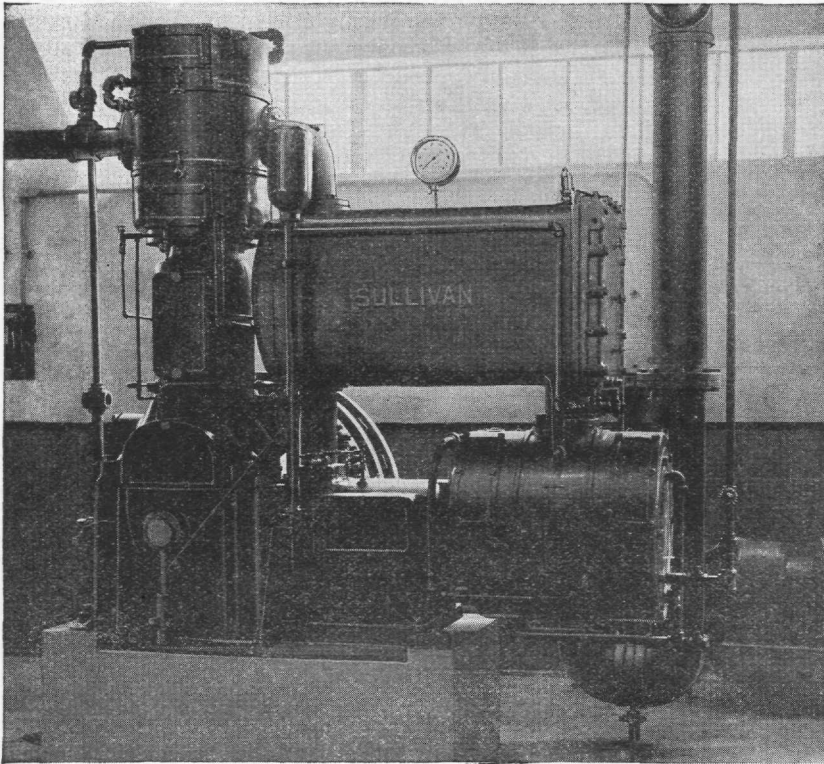
the month February 13. W. R. Little, of the Fuller Lehigh Co., was the principal speaker of the evening and C. S. Coler, of The Westinghouse Electric and Manufacturing Co., also spoke.

Mr. Little spoke on "Pulverized Coal and Its Relation to Steam Generation." He stated that 70 per cent of the total H.P. of boiler installations in the last year were those designed for powdered coal use.

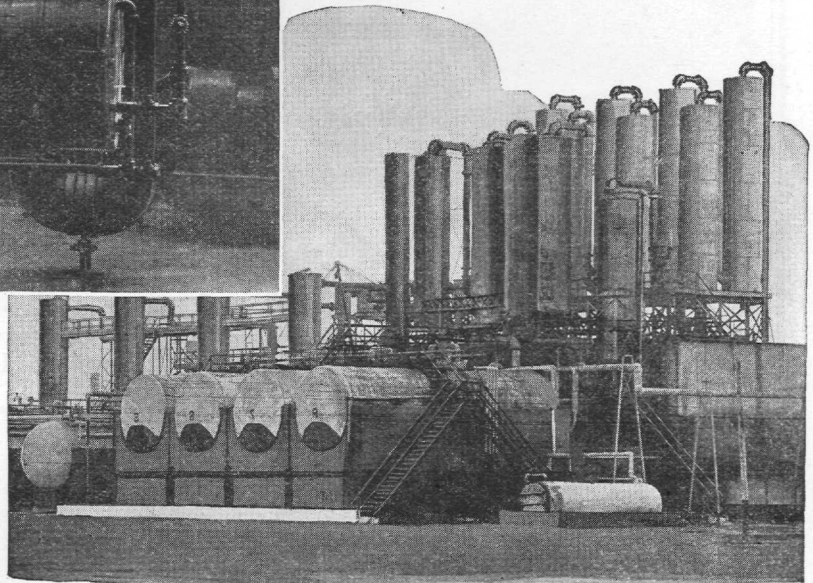
Mr. Coler made a short and most interesting talk. He stated that at the present time the machinery in the United States makes available one billion horse power. Considering one horse

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CAMPUS NOTES

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power equal to five men or five slaves, each man, woman, and child in this country has the equivalent of fifty slaves working for him. When Rome was at her zenith, there was an average of only two slaves per person. Of the one billion horse power, 507 million is produced by automobiles, 75 million by steam railways, and 25 million by central stations. In England and Germany combined, there are only 175 million horse power available from all sources.

A debating team to represent the department was organized. The organization discussed the desirability of including a five-hour public-speaking course in the elective list of the curriculum of electrical engineering, and went on record as favoring such action. Mr. Coler also stated that such a course holds an important place in the curricula of Westinghouse schools.

The following new officers were elected: chairman, F. L. Leydorf; vice-chairman, Charles Cancik; secretary, Russell W. Steenrod; junior vice-chairman, Charles Lucal.

INDUSTRIAL ENGINEERING

The annual inspection trip of the department of Industrial Engineering was conducted from March 17 to March 23, the students visiting Pittsburgh, and inspecting, among others, the Westinghouse Electric and Manufacturing Company, Carnegie Steel Company, Illuminating Company of America, Union Switch and Signal Company, and the Heinz Products Company.

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